

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-10. (Cancelled)

Claim 11. (New) An ergonomic device (100) for manual input of control signals in a computer-controlled environment,
the device (100) comprising:
a base (10) geometrically arranged to rest on a support surface (300);
a manipulation member (21) mounted on the base for manual manipulation by a user, the manipulation member being movable relative to the base (10) for generating corresponding input control signals within the computer environment;
a display (30) provided on the base (10); and
a palm rest (40) provided on the base for supporting the palm of the user's hand during use of the device (100),
wherein at least the underside (204) of one end of the base (10), preferably the underside of the region of the display (30), is elevated from the support.

Claim 12. (New) An ergonomic device (100) for manual input of control signals in a computer-controlled environment,
the device (100) comprising:
a base (10) geometrically arranged to rest on a support surface (300);
a manipulation member (21) mounted on the base for manual manipulation by a user, the manipulation member being movable relative to the base (10) for generating corresponding input control signals within the computer environment;
a display (30) provided on the base (10); and
a palm rest (40) provided on the base for supporting the palm of the user's hand during use of the device (100),

wherein the manipulation member (21) is arranged between the display (30) and the palm rest (40) and wherein the display (30) is inclined in an acute angle to the support surface (300).

Claim 13. (New) The device according to claim 1, wherein the palm rest (40) is exchangeable.

Claim 14. (New) The device according to claim 1, wherein the upper surface of the base (10) is higher in the region of the display (30) than in the region of base of the manipulation member(21).

Claim 15. (New) The device according to claim 1, wherein the center axis of the manipulation member (21) is inclined relative to the vertical on the support surface.

Claim 16. (New) The device according to claim 1, wherein the device (100) is configured such that, when the palm of the user's hand is located on the palm rest (40), the manipulation member (21) is located in general alignment with and within reach of the middle three fingers of the hand, and a first group of buttons (22, 23, 24) is arranged in one of the following positions:

- (i) in the vicinity of the user's thumb, or
- (ii) in the vicinity of the user's smallest finger.

Claim 17. (New) The device according to claim 1, wherein the device (100) includes at least two groups of user input buttons (22, 24), one of said groups (24) comprising buttons whose function is able to be programmed, and the other group (22) comprising buttons having a pre-set or predetermined operation, one of said groups (22) being arranged in the vicinity of the user's thumb and the other said group (24) being arranged in the vicinity of the user's smallest finger.

Claim 18. (New) The device according to claim 1, wherein at least the underside (204) of one end of the base (10), preferably the underside of the region of the display (30), is elevated from the support.

Claim 19. (New) The device according to claim 2, wherein the palm rest (40) is exchangeable.

Claim 20. (New) The device according to claim 2, wherein the upper surface of the base (10) is higher in the region of the display (30) than in the region of base of the manipulation member(21).

Claim 21. (New) The device according to claim 2, wherein the center axis of the manipulation member (21) is inclined relative to the vertical on the support surface.

Claim 22. (New) The device according to claim 2, wherein the device (100) is configured such that, when the palm of the user's hand is located on the palm rest (40), the manipulation member (21) is located in general alignment with and within reach of the middle three fingers of the hand, and a first group of buttons (22, 23, 24) is arranged in one of the following positions:

- (i) in the vicinity of the user's thumb, or
- (ii) in the vicinity of the user's smallest finger.

Claim 23. (New) The device according to claim 2, wherein the device (100) includes at least two groups of user input buttons (22, 24), one of said groups (24) comprising buttons whose function is able to be programmed, and the other group (22) comprising buttons having a pre-set or predetermined operation, one of said groups (22) being arranged in the vicinity of the user's thumb and the other said group (24) being arranged in the vicinity of the user's smallest finger.

Claim 24. (New) The device according to claim 2, wherein at least the underside (204) of one end of the base (10), preferably the underside of the region of the display (30), is elevated from the support.

Claim 25. (New) An ergonomic device (100) for manual input of control signals in a computer-controlled environment, the device (100) comprising:
a base (10) geometrically arranged to rest on a support surface (300);
a manipulation member (21) mounted on the base for manual manipulation by a user, the manipulation member being movable relative to the base (10) for generating corresponding input control signals within the computer environment;
a display (30) provided on the base (10),
wherein the display (30) is inclined in an acute angle to the support surface (300),
the inclination of the display being steeper than the inclination of the top surface of the base (10) outside the display (30).

Claim 26. (New) An ergonomic device for manual input of control signals in a computer-controlled environment,
the device (100) comprising:
a base (10) geometrically arranged to rest on a support surface (300);
a manipulation member (21) mounted on the base for manual manipulation by a user, the manipulation member being movable relative to the base (10) for generating corresponding input control signals within the computer environment;
a display (30) provided on the base (10),
wherein the upper surface of the base (10) is higher in the region of the display (30) than in the region of base of the manipulation member(21).